



Black Lowe & Graham PLLC (206) 381-3300
Atty Docket: BING-1-1038
In Re: Arntson, Paul R.
Application Serial No.: 10/656,595
Filed: September 5, 2003

Title: APPARATUS AND METHODS FOR MANUFACTURING OPERATIONS USING MAGNETIC POSITION SENSING
Replacement Sheet 1 of 3

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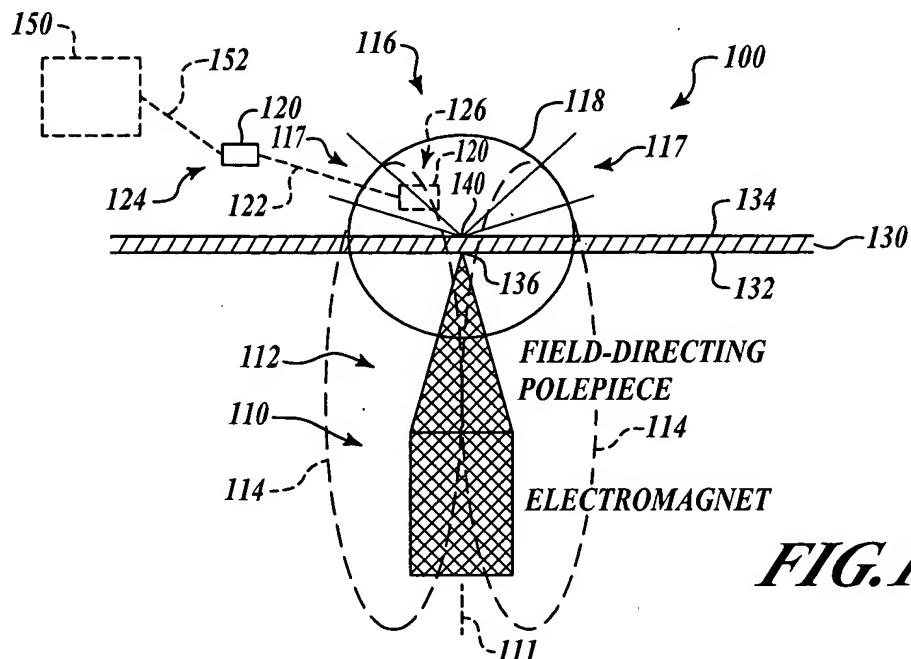


FIG. I

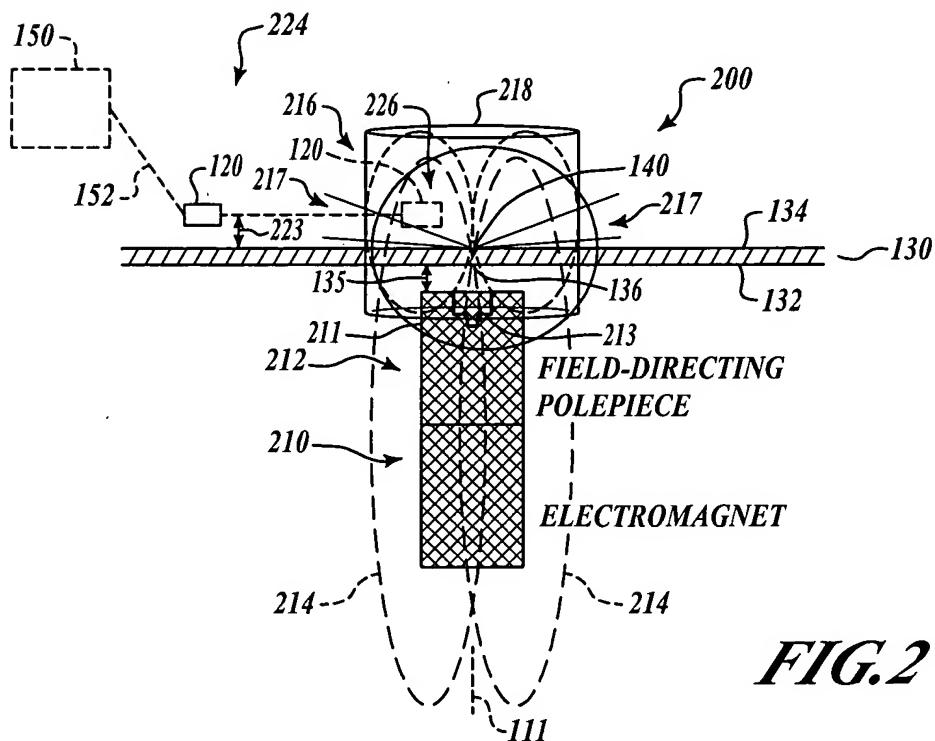


FIG.2

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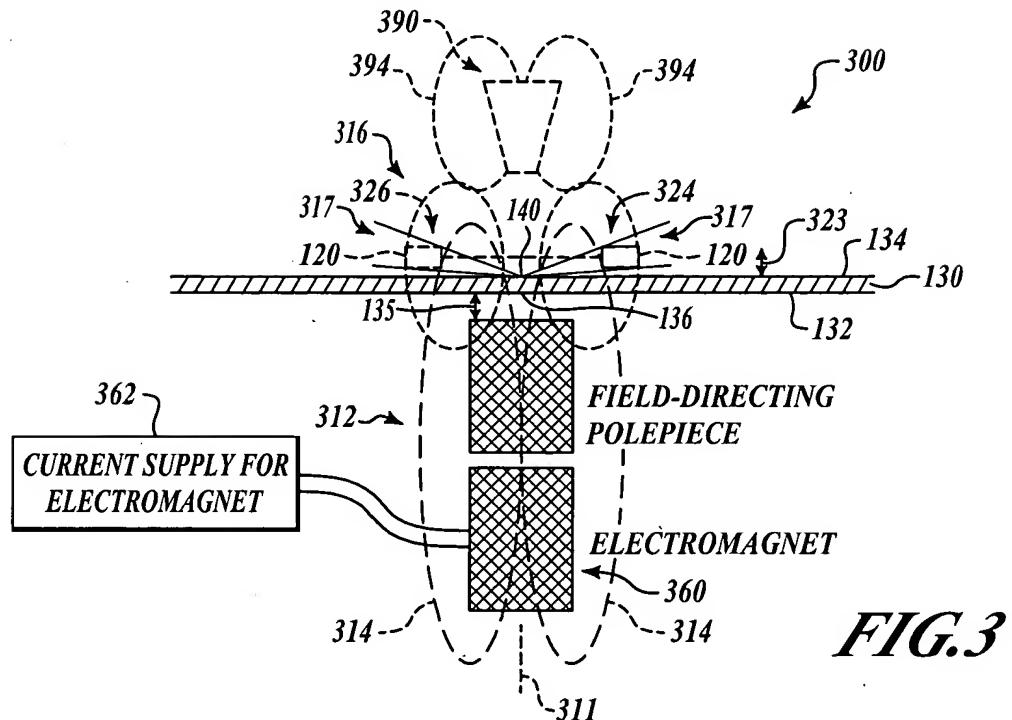


FIG. 3

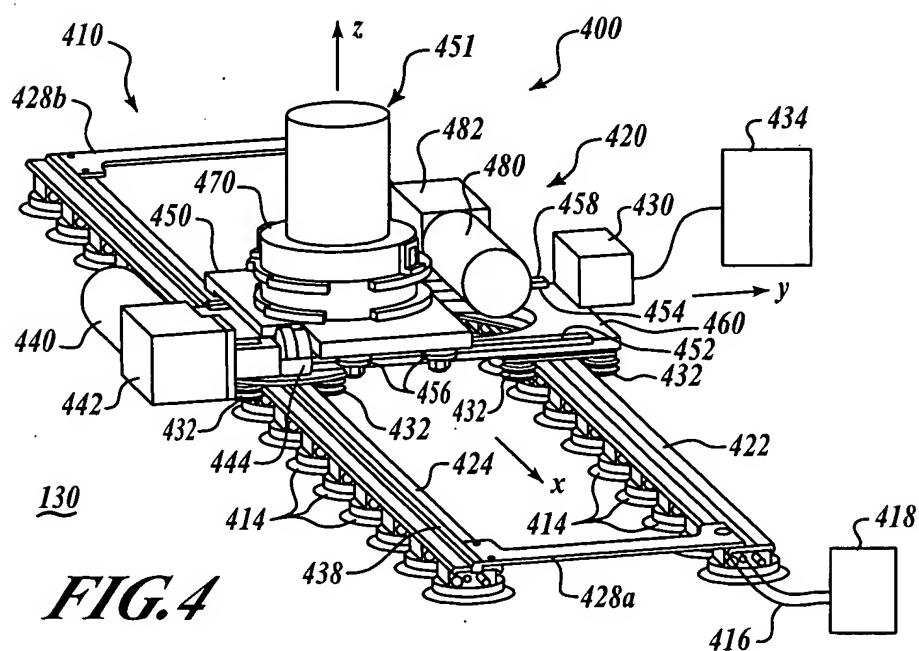


FIG. 4

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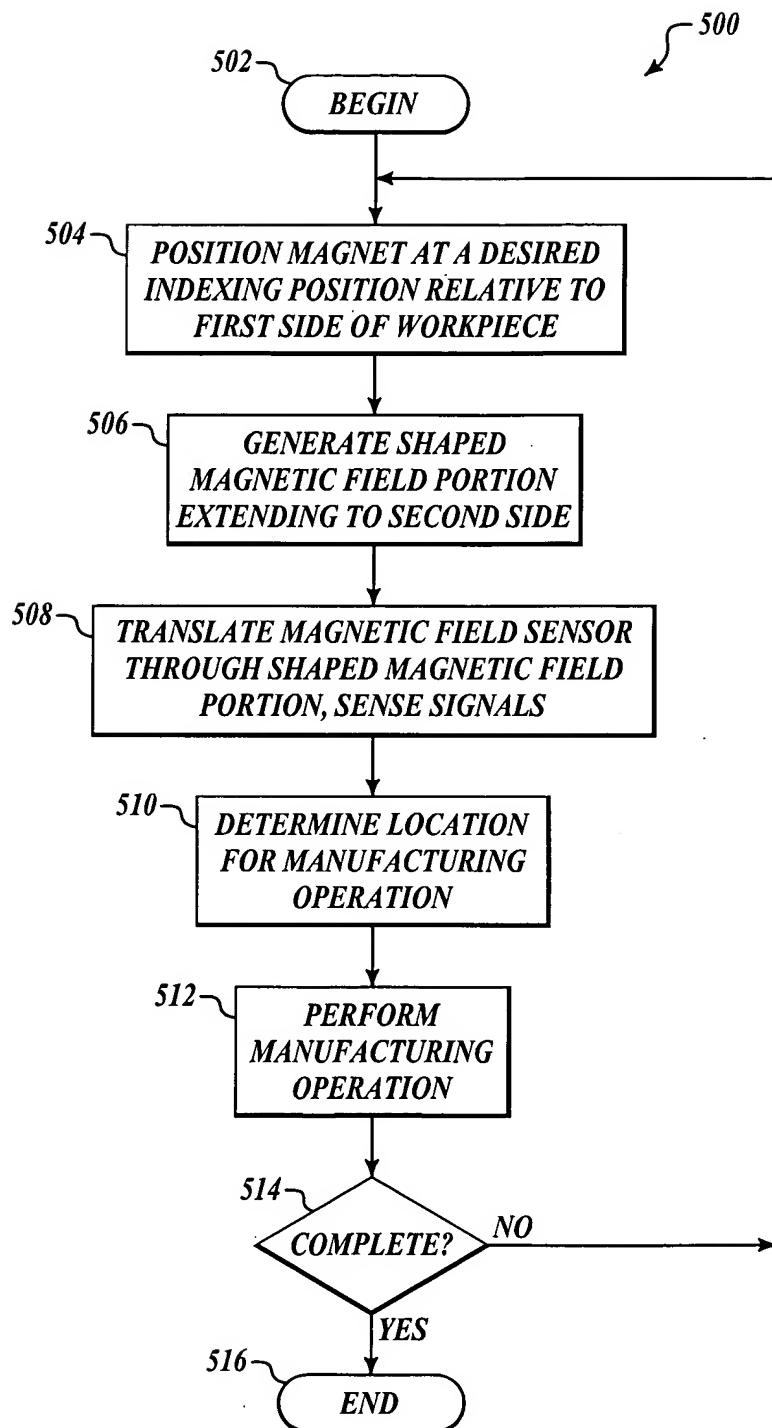


FIG.5